SADT - 103WM

Wall Mount Adaptor

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Overview

The Wall Mount Adapter is used to install the OUTDOOR HOUSING (SHG-221/222) on the indoor/outside wall.

ENG

Notice

- Make sure that you must select an installation spot to endure the total weight of "Wall Mount Adapter", "Outdoor Housing" and "Smart Dome Camera".
- This product is designed to use with anchor bolts and anchor nuts (M10).
- If installing in a concrete wall, use a M10 anchor bolt (nut) with flat washer and spring washer.
- Each installed anchor bolt should endure 700kg of pulling force.
- Wall Mount Adapter can be installed directly in the wall, and also attached to CORNER MOUNT ADAPTOR(SADT-110CM), or POLE MOUNT ADAPTOR(SADT-100PM). At this time, please use the PG-13.5 cable grand.

Installation

1. Select an installation spot which can endure more than 4 times of the product weight.

2. Refer to the following wring diagram to prepare cables necessary for connecting the Outdoor Housing.

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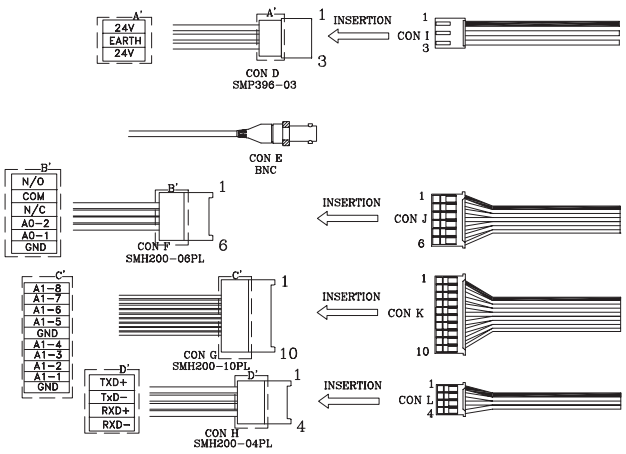
The wiring diagram to connect the outdoor cable of the OUTDOOR HOUSING(SHG-221/222)



CON I	WIRE COLOR
1	B L U
2	W H T
3	W H T

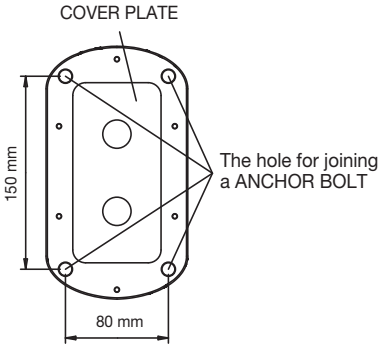
CON I	WIRE COLOR
1	B L U
2	W H T
3	W H T
4	W H T
5	W H T
6	W H T

CON I	WIRE COLOR
1	B L U
2	W H T
3	W H T
4	W H T
5	W H T
6	W H T
7	W H T
8	W H T
9	W H T
10	W H T

CON I	WIRE COLOR
1	B L U
2	W H T
3	W H T
4	W H T

3. If you mount the Wall Mount Adaptor on the wall, mark a hole where you insert the anchor bolt or anchor nut (M10) using the Cover Plate, and drill a hole for the anchor bolt (nut).

If you install it in a corner of the wall, use the Corner Mount Adaptor (SADT-110CM). If installing on the pole of the wall, use the Pole Mount Adaptor (SADT-100PM) for this purpose.



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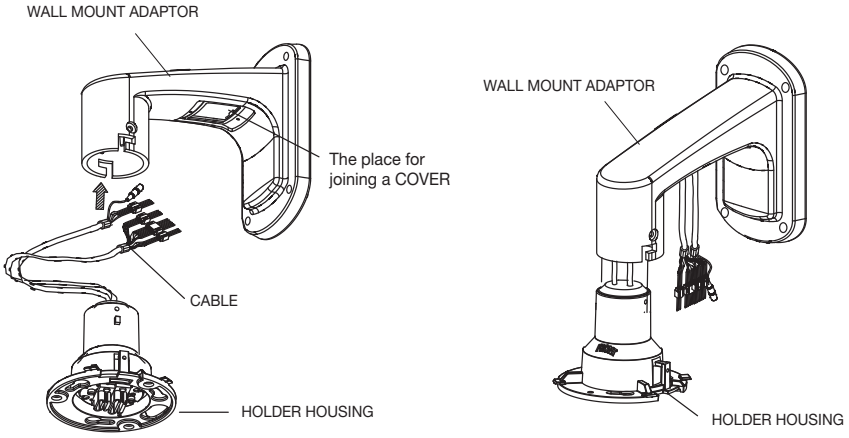
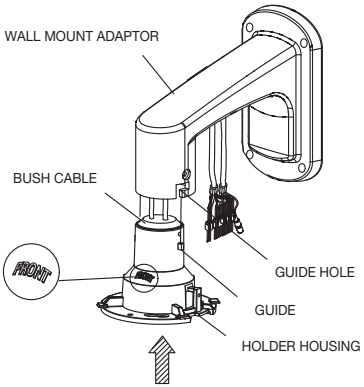
4. Prepare the Holder Housing from the Outdoor Housing and insert the cables of the Holder Housing into the Wall Mount Adaptor before pulling them out through the hole of the Cover Fixing Part.



5. Fit the Guide of the Holder Housing into the corresponding Guide Hole of the Wall Mount Adaptor while inserting the Holder Housing into the Wall Mount Adaptor.

- Install the Holder Housing so that the “FRONT” label faces the front of the camera.
- Make sure that the Bush Cable should not be loose from the Holder Housing.
  (If the Bush Cable is not secured firmly, the product is not properly waterproof.)



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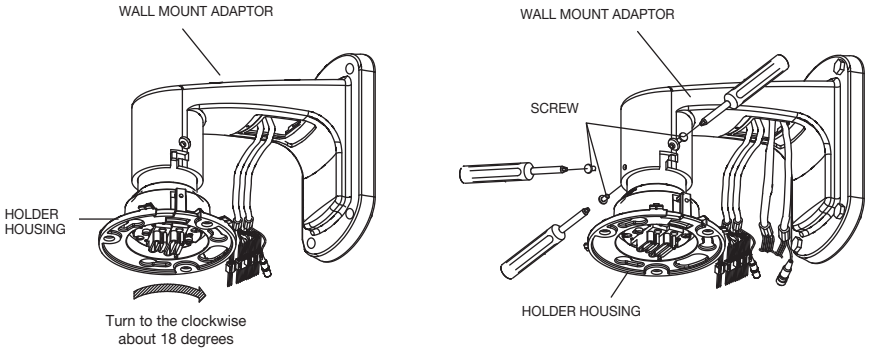
6. Turn the Holder Housing clockwise by 18 degrees. Then, use 3 screws(M4×L8, suported), to fix the Holder Housing to the Wall Mount Adaptor.

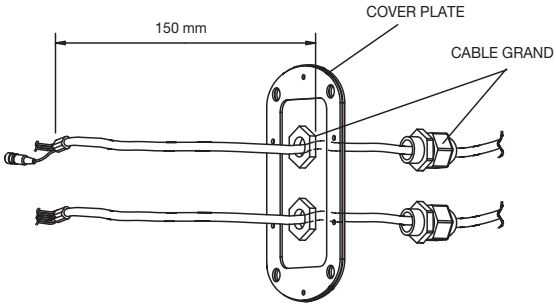


7. According to the status of connected cable of the OUTDOOR HOUSING, SHG-221/222), a way of installation is different as follows.

▶ If the cable pipe is installed inside of the wall

❶ Use the Cable Grand to connect the external cables with the Cover Plate.

- You should use only the Grand Cable for waterproof purpose. Furthermore, it is recommended to keep the cable about 150mm longer than the Cover Plate.



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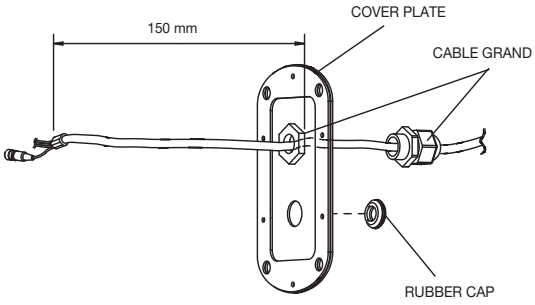
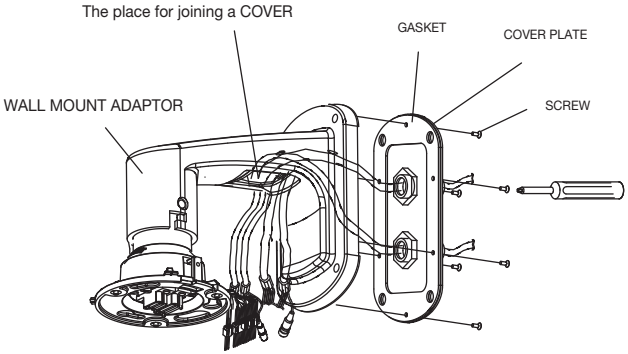
❷ If you use only the Grand Cable to fix the cables to the Cover Plate, the other hole of the Cover Plate should be sealed up with the Rubber Cap for waterproofness.



❸ The different cables on the Cover Plate can be pulled out through the hole of the Cover Fixing Part of the Wall Mount Adaptor. 4) Then, use 6 screws (Flat, M3xL8) to fix the Cover Plate to the Wall Mount Adaptor.

- Make sure that the Gasket part should keep contact with the Wall Mount Adaptor during the fixation.



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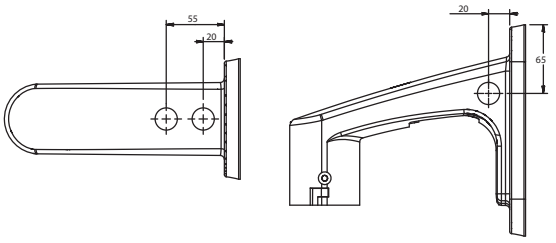
▶ **If the cable pipe is installed outside of the wall**

❶ Drill a 21mm-diameter hole on the Wall Mount Adaptor (side and top, respectively). For your reference, see the figure below.

- The drilling process for the Wall Mount Adaptor must be performed prior to the fixing process of the Holder Housing according to the steps 4, 5, 6 in this installation guide.

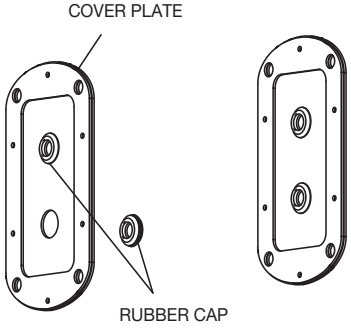
* Drilling Points (unit: mm)



(a) Top (b) Side

❷ Put two Rubber Caps upon the Cover Plate.

- Make sure you do this as it is necessary for waterproofing.



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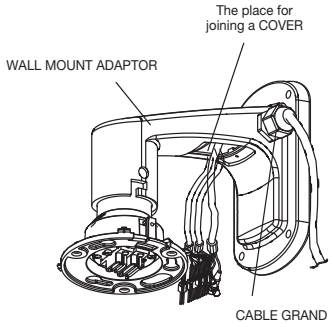
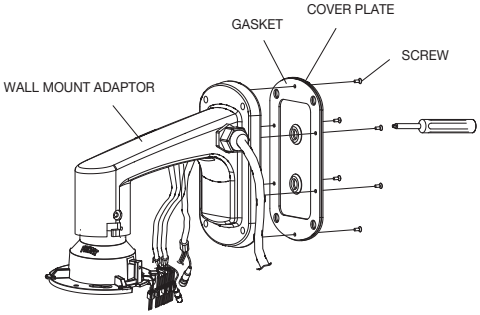
❸ Use the Grand Cable to fix the necessary cables to the Wall Mount Adaptor before pulling them out of the hole of the Cover Fixing Part.

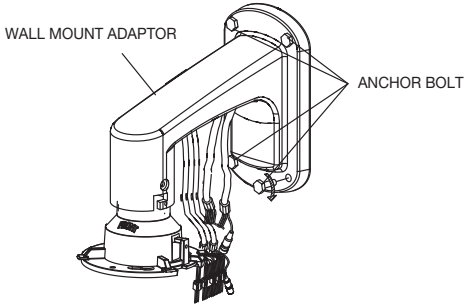


❹ Use 6 screws (Flat, M3xL8) to fix the Cover Plate to the Wall Mount Adaptor.

- Make sure that the Gasket part should keep contact with the Wall Mount Adaptor during the fixation.



8. Use the anchor bolt and nut to secure the Wall Mount Adaptor to the wall.



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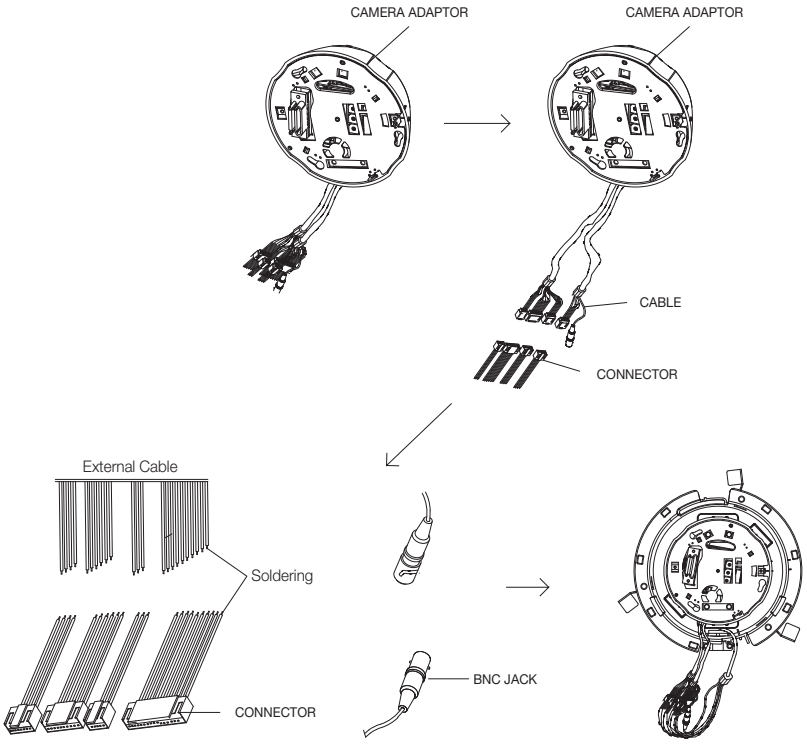
9. See the wiring diagram below for connecting the cables of the Camera Adaptor.

A. Remove one of the Connectors connected to the cable end of the Camera Adaptor.
B. Peel off the coating on the cable end of the Connector and connect it to the external cable using soldering.
(See the cable wiring diagram in the installation guide of the Camera for connecting the cables.)
C. Use an insulation tape to wrap up the soldering portion of two cables.
D. Connect the Connector to the Camera Adaptor again.
E. Repeat the above 4 steps to connect all of the 4 Connectors to the corresponding external cables.
F. In the last step, connect the BNC jack.



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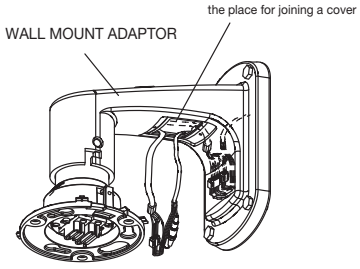
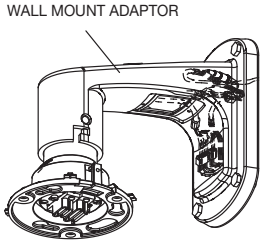
10. Insert the joined cable into the Wall Mount Adaptor through the Cover Fixing Part.
Insert one piece of the two-strand cable into an empty area of the Wall Mount Adaptor as in the figure below and push the other one into the Wall Mount Adaptor.
(Ensure that the insulated coating of the cable should be kept intact while the insertion)

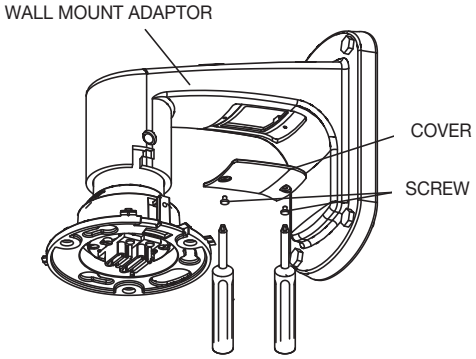


< Insert one piece of the two-stranded cable >



< Insert the other piece of the two-stranded cable >

11. Use 2 screws (M3xL4, suported) to fix the Cover to the Wall Mount Adaptor.



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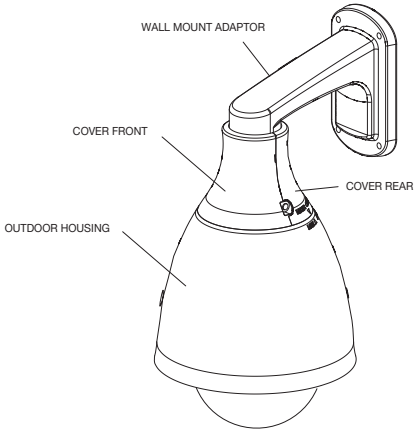
12. Now you can couple the Outdoor Housing with the Holder Housing and do the same with the Cover Front and the Cover Rear.
(For more information, see the installation guide for the Outdoor Housing (SHG-221/ SHG-222).)



13. For waterproofness, apply the silicon sealant between and around the Wall and the Wall Mount Adaptor when the installation is done. If the adaptor is installed in an irregular (uneven) surface, make sure to seal up all the possible gaps.

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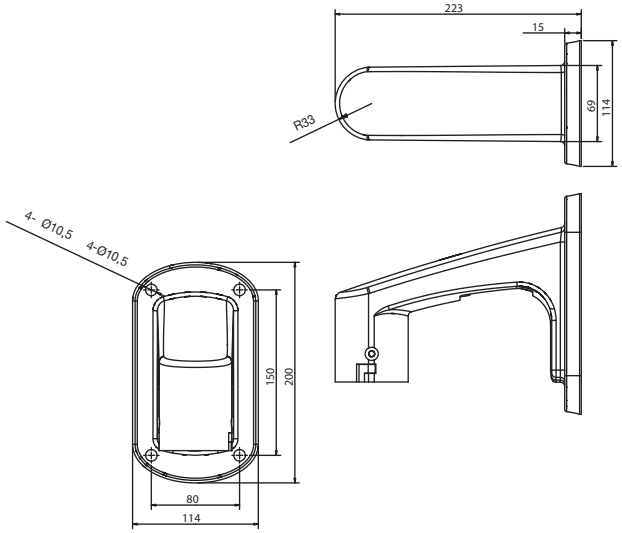
Product Specification

Location for use: Indoors or outdoors
Installation Spot: Wall or Vertical Structure
Dimension: See the figure
Weight: 1,250g
Material: aluminium
Operation Temperature: -40℃ ~ 50℃
HUMIDITY: 0~100%



Accessories

Cover Plate ····· **1** (Gasket Attached)
Cover ····· **1**
Screw (flat, M3xL8) ····· **6** (For fixing Wall Mount + Cover Plate)
Screw (M3xL4) ····· **2** (For fixing Wall Mount + Cover)
Screw (M4xL8) ····· **3** (For fixing Wall Mount + Holder Housing)
Rubber Cap ····· **2**
MANUAL ····· **1**

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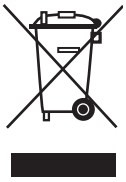

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.